

Appl. No.: (not yet assigned)
(U.S. National Stage of PCT/AT2005/000084)
Preliminary Amdt. Dated September 6, 2006

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) Slide-ring gasket of stainless steel ~~with~~ comprising a wear resistant coating (3) at ~~the~~ end planes (6) facing each other of the slide-ring gasket, ~~whereby~~ wherein:

the wear resistant coating (3) ~~starting~~ extends from ~~the~~ an outer rim of the slide-ring ~~sealing extends gasket inwardly~~ in a radial direction only over an annular part section (5) of the end planes (6) facing each other; ~~and whereby~~

the end planes (6) facing each other are undercut or formed offset in an axial direction respectively in ~~the~~ an area following in a radial direction inwardly of the annular part section (5) so that with sliding sealing a clearance is formed, ~~characterized in that ; and~~

~~the~~ a radial width of ~~the~~ annular sealing surfaces is less than 30% ~~preferably less than 25%~~ of ~~the~~ a radial reach of the end planes (6) facing each other of the slide-ring gasket.

2. (Currently Amended) Slide-ring gasket according to claim 1, ~~characterized in that wherein the~~ stainless steel ~~of the~~ is type X20 Cr13 stainless steel ~~is applied as basic material~~.

3. (Currently Amended) Slide-ring gasket according to claim 2, ~~characterized in that the basic material~~ wherein the stainless steel is hardened and tempered to RM 800-950N/m².

4. (Currently Amended) Slide-ring gasket according to ~~anyone of claims 1 to 3,~~ characterized in that the claim 1, wherein thickness of the coating (3) is from 0,1 to 0,6 0.1 to 0.6 mm and preferably 0,3 mm.

5. (Currently Amended) Slide-ring gasket according to ~~anyone of claims 1 to 4,~~ characterized in that the claim 1, wherein radial width of the annular sealing ~~surface~~ surfaces is ~~chosen < less than 5 mm, preferably < 3 mm.~~

6. (New) Slide-ring gasket according to claim 1, wherein the radial width of the annular sealing surfaces is less than 25% of the radial reach of the end planes (6) facing each other of the slide-ring gasket.

7. (New) Slide-ring gasket according to claim 1, wherein thickness of the coating (3) is 0.3 mm.

8. (New) Slide-ring gasket according to claim 2, wherein thickness of the coating (3) is from 0.1 to 0.6 mm.

9. (New) Slide-ring gasket according to claim 3, wherein thickness of the coating (3) is from 0.1 to 0.6 mm.

10. (New) Slide-ring gasket according to claim 2, wherein radial width of the annular sealing surfaces is less than 5 mm.

11. (New) Slide-ring gasket according to claim 3, wherein radial width of the annular sealing surfaces is less than 5 mm.

12. (New) Slide-ring gasket according to claim 4, wherein radial width of the annular sealing surfaces is less than 5 mm.

13. (New) Slide-ring gasket according to claim 1, wherein radial width of the annular sealing surfaces is less than 3 mm.

14. (New) Slide-ring gasket according to claim 2, wherein radial width of the annular sealing surfaces is less than 3 mm.

15. (New) Slide-ring gasket according to claim 3, wherein radial width of the annular sealing surfaces is less than 3 mm.

16. (New) Slide-ring gasket according to claim 4, wherein radial width of the annular sealing surfaces is less than 3 mm.